



# CDF Operations Report

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CDF Weekly Meeting  
July 13, 2006

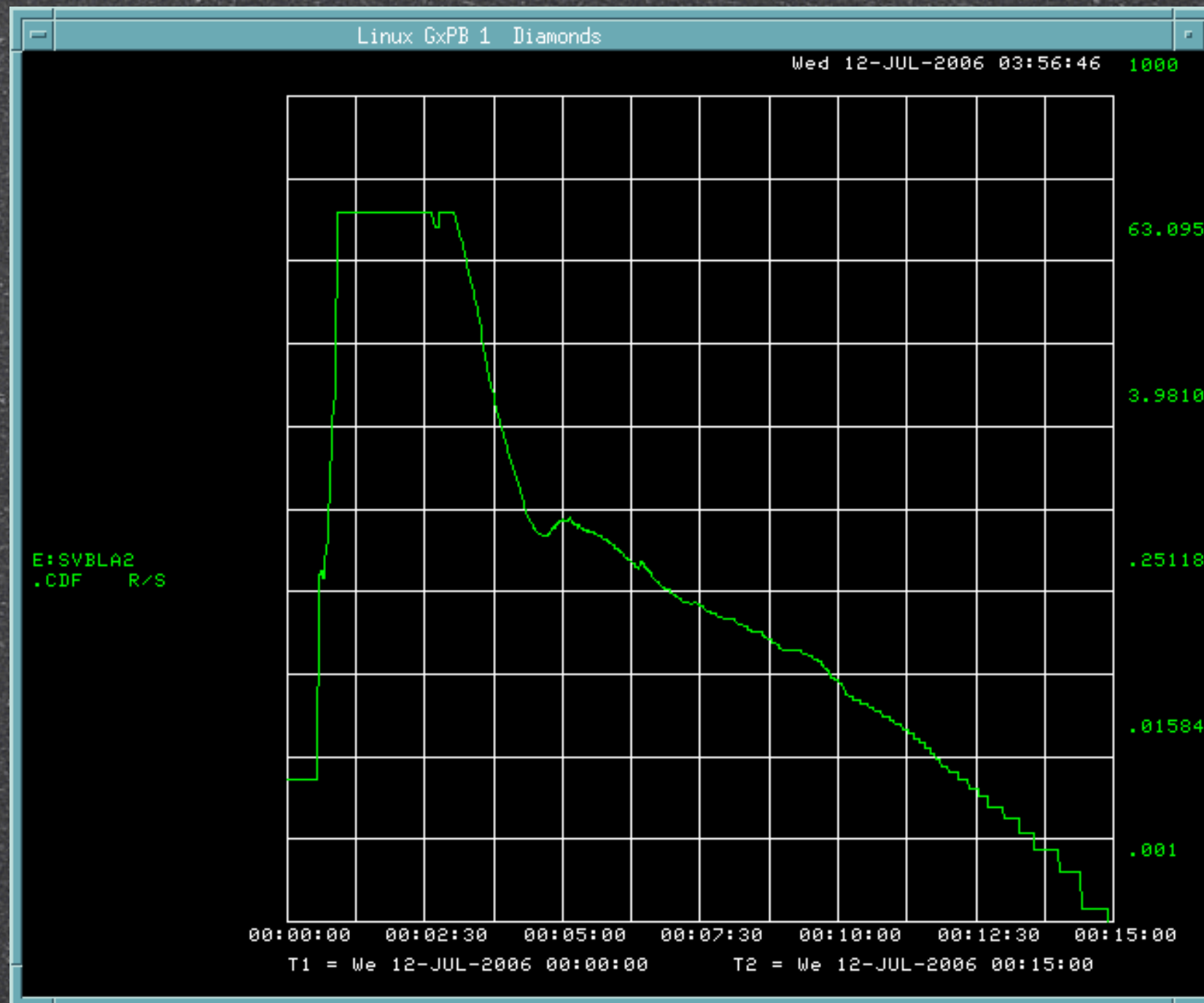


# Store Summary (06-13 Jul 2006)

Store	Start Date	Duration (hours)	Intial Lum 1/( $\mu$ b-s)	Delivered Lum (1/pb)	Live Lum (1/pb)	Lum w/Si (1/pb)	Comments
4813	05 Jul Wed	32.4	138.2	5.72	4.73 82.6%	4.57 79.8%	
4815	06 Jul Thu	32.6	145.1	5.55	4.40 79.3%	4.40 79.3%	RTS/L3/EVB
4816	08 Jul Sat	23.9	145.4	4.34	3.50 80.6%	1.91 44.1%	TeV RF trip E1 refrig/vac
4818	09 Jul Sun	35.8	158.7	6.87	5.93 86.7%	4.00 58.6%	TeV RF ISL ladder
4821	11 Jul Tues	7.9	163.5	3.04	2.60 85.8%	2.60 85.8%	TeV abort SVX BLM false alarm
4822	12 Jul Wed	3.4	110.0	1.02	0.92 89.8%	0.92 89.8%	B4 vac
4825	13 Jul Thu	ongoing	67.0				abort at B4
total		135.9		26.5	22.1 83.3%	18.4 69.5%	
previous		113.9		19.2	16.1 84%	14.6 76%	



# BLM False Alarm



BLM dose rate before abort to 15  
minutes after

- Beam aborted after a shift of near-record CDF acquired luminosity

- West Outer BLM

- Pre-amp card replaced

- BLM output being monitored

- Clean abort, no signs of radiation or beam losses

- 1st false alarm in 4 years (??)

- Thanks to

- Silicon experts for a sleepless owl shift

- Paul Derwent, Marv Olson, MCR shift crew



# CDF Operations

- Used quiet time during D0 Sun access
  - Bob Wagner: COT HV channels
  - CLC work during quiet time
- Tuesday morning (2 hours)
  - Muons: resegmenting detectors
  - Silicon: ISL power supply
  - Diamond: repair and diagnostics
- Eight (minor) requests
  - Piggy-back on any D0 or TeV access
- All L3 farms converted RH->SciLin